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JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF
ARMY-NAVY-CIA

(Published and Disseminated by CIA/PIC)

SUBJECT : Hexagon-Type SAM Sites and SAM Support Facility
LOCATION : Near Stalingrad and Kuybyshev, USSR
WAC NUMBER: 165, 235
NO. : PIC/JB-22/59
DATE: 24 December 59

25X1D PHOTO DATA :



25X1D

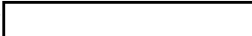
Area
Stalingrad SAM Site
Stalingrad SAM Site
Stalingrad SAM Site
Stalingrad SAM Support Facility
Kuybyshev SAM Site



MAP DATA: ATC 0235-21A, series 200 (S)
0235-16A, series 200 (S)
0165-11A, series 200 (S)

REMARKS:

25X1D

Further analysis of  photography has resulted in the identification of four more hexagon-type surface-to-air missile (SAM) sites in the USSR -- three near Stalingrad and one near Kuybyshev -- and a SAM support facility near Stalingrad (Figure 1, items 18-21 and D). These installations are in addition to the 17 SAM sites (items 1-17) and 3 SAM support facilities (items A-C) previously identified and reported (See PIC/JB-21/59).

One of the newly identified SAM sites near Stalingrad (item 18) is located 14 nautical miles (nm) west of the city at 48°40'N/44°11'E. Construction of both the operational and support areas appears complete. The operational area, which is enclosed by a board fence, contains guidance revetments occupied by vehicles and a probable Fruit Set radar; six launchers in drive-through emplacements; three drive-through missile hold revetments, each with two canvas-covered missiles; and a vehicle park with four vehicles. The support area contains a large administration-type building, three barracks, and several smaller structures.

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Another SAM site near Stalingrad (item 19) is located 19 nm south/southwest of the city at 48°27'N/44°20'E. Construction of both the operational and support areas appears complete. The operational area contains a large guidance revetment with possible guidance equipment installed, six launch revetments, three drive-through missile hold revetments, and a vehicle park with numerous vehicles. The support area contains a large administration-type building, three barracks, and numerous smaller structures.

The third newly identified SAM site near Stalingrad (item 20) is located 20 nm southeast of the city near Svetlyy Yar at 48°28'N/44°48'E. Construction of both the operational and support areas appears complete. The operational area contains a large guidance revetment with possible guidance equipment installed, six launch revetments, three drive-through missile hold revetments, and a vehicle park with numerous vehicles. The support area contains a large administration-type building, three barracks, and several smaller structures.

The SAM support facility near Stalingrad (item D) is located 10 nm north of Stalingrad at 48°55'N/44°39'E. Construction of the facility appears complete. The facility contains a large drive-through building, two smaller drive-through buildings, one large and two small revetted buildings, and a small revetted probable tank storage area. The support facility contains no missiles or missile transporters.

The SAM site near Kuybyshev (item 21) is located 40 nm northwest of the city near Nizhneye Sanchelleyevo at 53°40'N/49°29'E. Construction of the site is in an early stage; only the large guidance revetment and the six launch revetments are partially complete.

The three additional SAM sites near Stalingrad, coupled with the three previously identified SAM sites near the city, form a complete defensive ring around Stalingrad. The SAM support facility near the city serves the five SAM sites located west of the Volga River. The sixth site (item 16), east of the Volga River, is not readily accessible by road from the SAM support facility, and consequently this site has a small support facility located on site.

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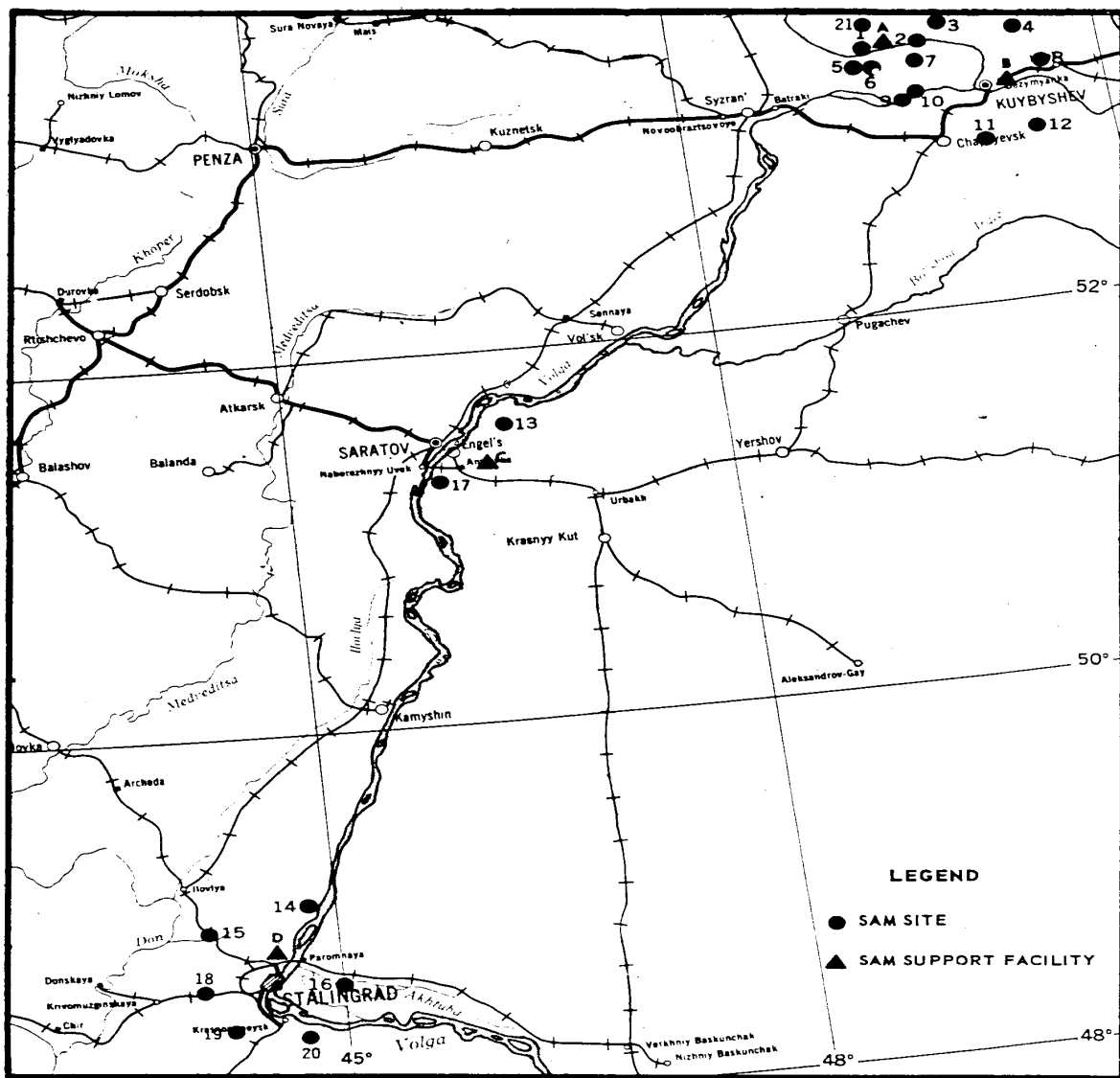


FIGURE 1. HEXAGON TYPE SAM SITES AND SAM SUPPORT FACILITIES, VOLGA RIVER, USSR

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